| Electronic Patent Application Fee Transmittal |                                                                       |          |          |        |                         |  |
|-----------------------------------------------|-----------------------------------------------------------------------|----------|----------|--------|-------------------------|--|
| Application Number:                           | 10562863                                                              |          |          |        |                         |  |
| Filing Date:                                  |                                                                       |          |          |        |                         |  |
| Title of Invention:                           | Emulating system, apparatus, and method for emulating a radio channel |          |          |        |                         |  |
| First Named Inventor:                         | Marilynn Green                                                        |          |          |        |                         |  |
| Filer:                                        | Gregory J. Carlin/Kay Costanza                                        |          |          |        |                         |  |
| Attorney Docket Number:                       | 042933/305941                                                         |          |          |        |                         |  |
| Filed as Large Entity                         |                                                                       |          |          |        |                         |  |
| U.S. National Stage under 35 USC 371 Fil      | ing                                                                   | Fees     |          |        |                         |  |
| Description                                   |                                                                       | Fee Code | Quantity | Amount | Sub-Total in<br>USD(\$) |  |
| Basic Filing:                                 |                                                                       |          |          |        |                         |  |
| Natl Stage Search Fee - U.S. was the ISA      |                                                                       | 1641     | 1        | 100    | 100                     |  |
| National Stage Exam - all other cases         |                                                                       | 1633     | 1        | 200    | 200                     |  |
| Pages:                                        |                                                                       |          |          |        |                         |  |
| Claims:                                       |                                                                       |          |          |        |                         |  |
| Miscellaneous-Filing:                         |                                                                       |          |          |        |                         |  |
| Oath/decl > 30 months from priority date      |                                                                       | 1617     | 1        | 130    | 130                     |  |
| Petition:                                     |                                                                       |          |          |        |                         |  |
| Patent-Appeals-and-Interference:              |                                                                       |          |          |        |                         |  |

| Description                       | Fee Code | Quantity          | Amount | Sub-Total in<br>USD(\$) |
|-----------------------------------|----------|-------------------|--------|-------------------------|
| Post-Allowance-and-Post-Issuance: |          |                   |        |                         |
| Extension-of-Time:                |          |                   |        |                         |
| Extension - 1 month with \$0 paid | 1251     | 1                 | 120    | 120                     |
| Miscellaneous:                    |          |                   |        |                         |
|                                   | Tota     | Total in USD (\$) |        |                         |